

CLAIMS

1. An improved Insulated Bottle , characterized by a closure capped reusable Bottle capable of holding liquids and an insulatory , non-permanently assembled , rigid polymer Receptacle adapted to store said Bottle in a
5 securably , non-rotatably and mostly spaced apart manner , said Receptacle comprising a hollow single walled Body , a Bottle Restrainer and a Top Cup , said Bottle being clear and having within its upright body , a limited non circular portion and a substantial circular portion , only the non
10 circular upright portion of said Bottle being touched and held by said Body's upright inner to make said Bottle non-rotatable within said Body , said Bottle's neck end being external of said Body affixed Restrainer , said Bottle's circular , externally threaded neck taking a removable and
15 refixable circular Closure Cap , said circular Closure Cap on Body stored Bottle being openable and closable without making said Bottle rotate or lift up , said Body being reflectively opaque , or clear , or mostly opaque with a fitted clear window in its upright wall , and said Top Cup
20 accommodating a short or a long Closure Cap .

2. An insulatory , portable Receptacle adapted to enclosedly store a closure capped , reusable Bottle in a securable , mostly spaced apart , non-rotatable manner , as
25 claimed in claim 1 , said Receptacle being formed from the non-permanent sequential assembly of three rigid polymer components , a hollow single walled Body , a Bottle Restrainer and a Top Cup , wherein operationally said hollow Body accepts and seats said Bottle's entire body part base first but leaves said Bottle's shoulder and neck

- part outside itself , said Body's inner touches said entered Bottle's upright body partly and so makes said accepted Bottle non-rotatable , then takes said Restrainer onto its open end mouth wall in a way that self seated
- 5 Bottle is restrained within said Body yet said Bottle's upper shoulder and closure capped neck part are uncovered , and then takes said Top Cup over self seated Bottle's closure capped neck part and self affixed Restrainer to completely cover said seated Bottle .
- 10 3. A clear , reusable , polymer Bottle adapted to be stored non-rotatably , removably and refittably in a Receptacle , as claimed in claims 1 and 2 , said Bottle capable of containing liquids , said Bottle having a base and base depending upright body part , a body top end
- 15 depending inwardly tapered shoulder part , and a shoulder end depending upright , circular , open neck end part , said upright body part comprising a longitudinally limited , non-circular , flat sided portion and a longitudinally substantial , circular portion which is less wider than
- 20 said non-circular portion , with a nominal inwardly tapered portion connecting the two , and said circular neck part having external threads to take an internally threaded , non-permanently fitted , removable and refixable circular Closure Cap for secure closement of said neck end .
- 25 4. A Body of a Receptacle adapted to accept and seat an adapted Bottle's body , as claimed in claims 1 and 2 , said Body being a hollow , single walled , injection moulded rigid polymer shape having a first open upper end and a longitudinally spaced apart second closed lower end , said
- 30 hollow Body being adapted to accept , seat and enclose

within itself , said Bottle's base and body's circular and non-circular portions only , said hollow Body preventing self seated Bottle's rotation because said Body's inner can accept but will non-rotatably restrict, the similar shaped
5 but nominally smaller , upright , non-circular portion of said enclosed Bottle's body , said Body's upright inner contour not touching said enclosed Bottle's upright circular portion's outer contour , said Body being fully opaque with incorporated or applied reflectivity , or fully
10 clear , or opaque and having a fitted clear window within its upright wall , said fitted window being flat or curved , said Body's open end's outer having threads to take Bottle Restrainer and Top Cup securably but releasably , and said Body being holdable by a strap , clip or handle .

15 5. A shaped Bottle Restrainer adapted to a Receptacle Body as claimed in claims 1 and 2 , wherein the Restrainer is to be affixed releasably onto said Body's open end outer to restrain a Bottle seated in said Body wherein said Bottle's neck end is upward and outside of enclosing Body, said
20 Bottle Restrainer being a saucer dome with an integral lower depending annular skirt wall , said dome having a central circular opening wider than said Bottle affixed Closure Cap and said skirt wall having an internal thread formation configured for engagement with said Body's open
25 end outer , and when said Restrainer be placed skirt downwards onto said Body's open mouth for securement , whilst , Body seats said Bottle , then said Restrainer's roof opening allowing through itself , outward and upward passage to said Body seated Bottle's upright circular
30 closure capped neck and upper shoulder , and said roof's opening's periphery resting on said Bottle's shoulder .

6. A Top Cup adapted to be non-permanently secured onto a Receptacle Body as claimed in claims 1 and 2 , said Cup to go onto top of said Body and complete the Receptacle form , said Cup having threads on its mouth inner for releasable
5 securing to said Body outer top , said Cup covering said Body seated Bottle's closure capped neck part , and said Cup's inner cavity accommodating a shorter flat top circular Closure Cap or a longer circular Closure Cap having an integral top spout and spout cap .
- 10 7. The combination of a Bottle and a said Bottle's body enclosing Body which can enclose said Bottle's upright body in a longitudinally limited touching manner along with a longitudinally substantial spaced apart manner as claimed in
15 claims 1 and 2 , because said enclosed Bottle's upright body has a longitudinally limited non-circular portion and a longitudinally substantial circular portion which is less wider than said non-circular portion and said enclosing Body's inner is sized to be able to touch only said Bottle's said non circular portion .
- 20 8. The combination of a Bottle whose neck end is closed with a circular Closure Cap and whose body is stored within a Body and wherein said Body stored Bottle is being restrained to said Body by a said Body top affixed
25 Restrainer as claimed within claim's 1 , 2 , 3 and 4 , wherein said Closure Cap on said Bottle can be opened or closed without making said Bottle rotate within or lift up from said enclosing Body , because , said Bottle's circular closure capped neck part is external to said Body and said Restrainer , said Bottle is non-rotatable within stored

Body and said Body affixed Restrainer prevents said Bottle from lifting up when said Bottle affixed Closure Cap's top spout cap is opened .